

## WEST Search History for Application 10536926

Creation Date: 2011031018:56

### Prior Art Searches

| Query  | DB   | Op. | Plur. | Thes. | Date       |
|--|--|-----|-------|-------|------------|
| 704/4.ccls. or 704/270.ccls. or 704/275.ccls.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR  | YES   |       | 07-19-2009 |
| 700/245.ccls. or 709/204.ccls.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR  | YES   |       | 07-19-2009 |
| (700/245.ccls. or 709/204.ccls. ) or (704/4.ccls. or 704/270.ccls. or 704/275.ccls. )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR  | YES   |       | 07-19-2009 |
| 536296   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR  | YES   |       | 07-19-2009 |
| (20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR  | YES   |       | 07-19-2009 |

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| <b>7089084 7269480 20020156551 ).pn.</b>   |  |    |     |  |            |
| <b>((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. ) and (topic and conversation).clm.</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>651577</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in.</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) and ((dialogue or dialog) and conversation and topic).clm.</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>( ((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) or sony.asn.) and ((dialogue or dialog) and conversation and topic).clm.</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(sony.asn.) and ((dialogue or dialog) and conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,                  | OR | YES |  | 07-19-2009 |

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|--|--|----|-----|--|------------|
|  | DWPI,<br>TDBD  |    |     |  |            |
| <b>(( (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) or sony.asn.)</b>                                  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic)</b>      | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>((dialogue or dialog) and conversation and topic)</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(((dialogue or dialog) and conversation and topic) ) and sub</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| <b>(((dialogue or dialog) and conversation and topic) and sub ) and ((20060047362 20030158733 6230111 5864626</b>      | PGPB,<br>USPT,   | OR | YES |  | 07-19-2009 |

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|--|--|----|-----|--|------------|
| 7251606 20030182122 20080114837 5926179 6363301<br>7047105 7139642 7216082 7349850 7467026<br>20020161480 20030185380 20030187653 20030220796<br>20040015344 20040153211 20050065652 20050144011<br>20060155765 20070043878 20080221730 20090132250<br>5915240 5828839 6061716 6061716 20040128353<br>20060067497 5214622 6154764 6345290 6630944<br>20030197730 20040098469 5692212 5694528 5930757<br>20020052913 20060111909 5754631 6394872 6615111<br>6914622 7089084 7269480 20020156551 ).pn. ) | USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD                   |    |     |  |            |
| (((dialogue or dialog) and conversation and topic) and<br>sub ) and (speech near10 recogni\$)  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| (((dialogue or dialog) and conversation and topic) and<br>sub and (speech near10 recogni\$) ) and robot  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| (((dialogue or dialog) and conversation and topic) and<br>sub ) and @ad<20021202   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| (((dialogue or dialog) and conversation and topic) and<br>sub and @ad<20021202 ) and (((dialogue or dialog) and<br>conversation and topic) and sub and (speech near10<br>recogni\$) )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| (((dialogue or dialog) and conversation and topic) and<br>sub and @ad<20021202 and ((dialogue or dialog) and<br>conversation and topic) and sub and (speech near10<br>recogni\$) ) and robot   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-19-2009 |
| (704/4).ccls. or (704/270).ccls. or (704/275).ccls.  | PGPB,  | OR | YES |  | 03-24-2010 |

|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
|  | USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD          |    |     |  |            |
| (700/245).ccls. or (709/204).ccls.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| ((700/245).ccls. or (709/204).ccls. ) or ((704/4).ccls. or (704/270).ccls. or (704/275).ccls. )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| 536296   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| (20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |

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| <b>20060111909 5754631 6394872 6615111 6914622<br/>7089084 7269480 20020156551 ).pn. ) and (topic and<br/>conversation).clm.</b>                         |  |    |     |  |            |
| <b>651577</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>(Aoyama or Yoshiike or Ohtani or Horinaka or<br/>Shimomura).in.</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>((Aoyama or Yoshiike or Ohtani or Horinaka or<br/>Shimomura).in. ) and ((dialogue or dialog) and<br/>conversation and topic).clm.</b>                 | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>( ((Aoyama or Yoshiike or Ohtani or Horinaka or<br/>Shimomura).in. ) or sony.asn.) and ((dialogue or dialog)<br/>and conversation and topic).clm.</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>(sony.asn.) and ((dialogue or dialog) and conversation<br/>and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>( ((Aoyama or Yoshiike or Ohtani or Horinaka or<br/>Shimomura).in. ) or sony.asn.)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
|  |  | OR | YES |  | 03-24-2010 |

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|---|--|----|-----|--|------------|
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic)</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD |    |     |  |            |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>5918222.pn.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>(5918222.pn. ) and history</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>((dialogue or dialog) and conversation and topic) and value and object and user and robot</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-24-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,                           | OR | YES |  | 03-24-2010 |

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|---|--|----|-----|--|------------|
| 7139642 7216082 7349850 7467026 20020161480<br>20030185380 20030187653 20030220796 20040015344<br>20040153211 20050065652 20050144011 20060155765<br>20070043878 20080221730 20090132250 5915240<br>5828839 6061716 6061716 20040128353 20060067497<br>5214622 6154764 6345290 6630944 20030197730<br>20040098469 5692212 5694528 5930757 20020052913<br>20060111909 5754631 6394872 6615111 6914622<br>7089084 7269480 20020156551 ).pn. ) | JPAB,<br>DWPI,<br>TDBD                                     |    |     |  |            |
| (((dialogue or dialog) and conversation and topic) and<br>value and object and user and robot and (speech near7<br>recogni\$) and ((image or visual) near7 recogni\$) ) and<br>@ad<20021202)  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| (((dialogue or dialog) and conversation) and user and<br>robot and @ad<20021202 not virtual and (previous<br>near7 conversation) ) and previous)  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| (704/4).ccls. or (704/270).ccls. or (704/275).ccls.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| (700/245).ccls. or (709/204).ccls.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| ((700/245).ccls. or (709/204).ccls. ) or ((704/4).ccls. or<br>(704/270).ccls. or (704/275).ccls. )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| 536296  | PGPB,<br>USPT,   | OR | YES |  | 07-28-2010 |



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|---|--|----|-----|--|------------|
|   | USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD                   |    |     |  |            |
| (20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn.                                      | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. ) and (topic and conversation).clm. | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| 651577  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| ((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) and ((dialogue or dialog) and conversation and topic).clm.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,                  | OR | YES |  | 07-28-2010 |

|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
|  | DWPI,<br>TDBD  |    |     |  |            |
| <b>(( (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) or sony.asn.) and ((dialogue or dialog) and conversation and topic).clm.</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(sony.asn.) and ((dialogue or dialog) and conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(( (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) or sony.asn.)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic)</b>                                | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>                           | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>                           | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>                           | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>((dialogue or dialog) and conversation and topic) and value and object and user and robot</b>   | PGPB,<br>USPT,   | OR | YES |  | 07-28-2010 |

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|---|--|----|-----|--|------------|
|   | USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD                   |    |     |  |            |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. )</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and (speech near7 recogni\$) and ((image or visual) near7 recogni\$)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot and (speech near7 recogni\$) and ((image or visual) near7 recogni\$) ) and @ad&lt;20021202</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 07-28-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot and (speech near7 recogni\$) and ((image or visual) near7 recogni\$)) and @ad&lt;20021202)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| <b>(((dialogue or dialog) and conversation) and user and robot and @ad&lt;20021202 not virtual and (previous near7 conversation)) and previous)</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |

|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
| (704/4).ccls. or (704/270).ccls. or (704/275).ccls.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| (700/245).ccls. or (709/204).ccls.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| ((700/245).ccls. or (709/204).ccls. ) or ((704/4).ccls. or (704/270).ccls. or (704/275).ccls. )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| 536296   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| (20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |

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|--|--|----|-----|--|------------|
| 20040098469 5692212 5694528 5930757 20020052913<br>20060111909 5754631 6394872 6615111 6914622<br>7089084 7269480 20020156551 ).pn. ) and (topic and<br>conversation).clm. |  |    |     |  |            |
| 651577   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| (Aoyama or Yoshiike or Ohtani or Horinaka or<br>Shimomura).in.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| ((Aoyama or Yoshiike or Ohtani or Horinaka or<br>Shimomura).in. ) and ((dialogue or dialog) and<br>conversation and topic).clm.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| ((Aoyama or Yoshiike or Ohtani or Horinaka or<br>Shimomura).in. ) or sony.asn.) and ((dialogue or dialog)<br>and conversation and topic).clm.                              | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| (sony.asn.) and ((dialogue or dialog) and conversation<br>and topic).clm.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| ((Aoyama or Yoshiike or Ohtani or Horinaka or<br>Shimomura).in. ) or sony.asn.)  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |

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|---|--|----|-----|--|------------|
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic)</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| <b>((dialogue or dialog) and conversation and topic) and value and object and user and robot</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. )</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 11-06-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and (speech near7 recogni\$) and ((image or visual) near7 recogni\$)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,         | OR | YES |  | 11-06-2010 |

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|--|--|----|-----|--|------------|
|  | TDBD                                     |    |     |  |            |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot and (speech near7 recogni\$) and ((image or visual) near7 recogni\$) ) and @ad&lt;20021202</b>                           | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 11-06-2010 |
| <b>((speech or voice) near5 recogni\$) and ((visual or image) near5 recogni\$) and (user near5 (identification or identifying or identity or verify or verification or verified))</b>                                  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 11-06-2010 |
| <b>(((speech or voice) near5 recogni\$) and ((visual or image) near5 recogni\$) and (user near5 (identification or identifying or identity or verify or verification or verified)) ) and @ad&lt;20021202</b>           | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 11-06-2010 |
| <b>(((speech or voice) near5 recogni\$) and ((visual or image) near5 recogni\$) and (user near5 (identification or identifying or identity or verify or verification or verified)) and @ad&lt;20021202 ) and robot</b> | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 11-06-2010 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot and (speech near7 recogni\$) and ((image or visual) near7 recogni\$)) and @ad&lt;20021202)</b>                           | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-10-2011 |
| <b>(((dialogue or dialog) and conversation) and user and robot and @ad&lt;20021202 not virtual and (previous near7 conversation)) and previous)</b>  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-10-2011 |
| <b>(704/4).ccls. or (704/270).ccls. or (704/275).ccls.</b>   | PGPB, USPT, USOC,                        | OR | YES |  | 03-10-2011 |

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|--|--|----|-----|--|------------|
|  | EPAB,<br>JPAB,<br>DWPI,<br>TDBD                            |    |     |  |            |
| (700/245).ccls. or (709/204).ccls.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| ((700/245).ccls. or (709/204).ccls. ) or ((704/4).ccls. or (704/270).ccls. or (704/275).ccls. )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| 536296   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| (20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn.                   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. ) and (topic and | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |



|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
| <b>conversation).clm.</b>  |  |    |     |  |            |
| <b>651577</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in.</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) and ((dialogue or dialog) and conversation and topic).clm.</b>                 | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(( (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) or sony.asn.) and ((dialogue or dialog) and conversation and topic).clm.</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(sony.asn.) and ((dialogue or dialog) and conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(( (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. ) or sony.asn.)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(( (Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic)</b>                               | PGPB,<br>USPT,<br>USOC,                                    | OR | YES |  | 03-10-2011 |

|   |  |    |     |  |            |
|---|--|----|-----|--|------------|
|   | EPAB,<br>JPAB,<br>DWPI,<br>TDBD                            |    |     |  |            |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(((Aoyama or Yoshiike or Ohtani or Horinaka or Shimomura).in. or sony.asn.) ) and (conversation and topic).clm.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>((dialogue or dialog) and conversation and topic) and value and object and user and robot</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and ((20060047362 20030158733 6230111 5864626 7251606 20030182122 20080114837 5926179 6363301 7047105 7139642 7216082 7349850 7467026 20020161480 20030185380 20030187653 20030220796 20040015344 20040153211 20050065652 20050144011 20060155765 20070043878 20080221730 20090132250 5915240 5828839 6061716 6061716 20040128353 20060067497 5214622 6154764 6345290 6630944 20030197730 20040098469 5692212 5694528 5930757 20020052913 20060111909 5754631 6394872 6615111 6914622 7089084 7269480 20020156551 ).pn. )</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(((dialogue or dialog) and conversation and topic) and value and object and user and robot ) and (speech near7 recogni\$) and ((image or visual) near7 recogni\$)</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>(((dialogue or dialog) and conversation and topic) and</b>   | PGPB,  | OR | YES |  | 03-10-2011 |

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|---|--|----|-----|--|------------|
| <b>value and object and user and robot and (speech near7 recogni\$) and ((image or visual) near7 recogni\$) ) and @ad&lt;20021202</b>   | USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD          |    |     |  |            |
| <b>((speech or voice) near5 recogni\$) and ((visual or image) near5 recogni\$) and (user near5 (identification or identifying or identity or verify or verification or verified))</b>                                 | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>((speech or voice) near5 recogni\$) and ((visual or image) near5 recogni\$) and (user near5 (identification or identifying or identity or verify or verification or verified)) ) and @ad&lt;20021202</b>           | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |
| <b>((speech or voice) near5 recogni\$) and ((visual or image) near5 recogni\$) and (user near5 (identification or identifying or identity or verify or verification or verified)) and @ad&lt;20021202 ) and robot</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | OR | YES |  | 03-10-2011 |